

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/CN03/00053

## A. CLASSIFICATION OF SUBJECT MATTER

IPC<sup>7</sup>: H04L12/18

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC<sup>7</sup>: H04L12/18 H04Q7/22 H04L12/28 H04B7/005 H04J13/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

WPI,EPDOC,PAJ: real, time, broadcast, mobile, terminal, station, communication, service, traffic

CNPAT: 广播, 实时, 业务, 音频, 视频, 移动, 通信, 终端, 载波, 扰码

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	CN1090444 A (TV ANSWER INT INC) 03. August 1994 (03.08.1994) page 2, line4~page 4, line3 of the description, figure 1	1, 2
A	CN1357179A (ERICSSON TELEFON AB L M) 03. July 2002 (03.07.2002) Abstract, See the whole description	3~20
A	WO0079734 A1 (THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK) 28. December 2000 (28.12.2000) See the whole description	1~20

☐ Further documents are listed in the continuation of Box C. ☒ See patent family annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim (S) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search  
20.Feb. 2003 (20.02.03)

Date of mailing of the international search report

20 MAR 2003 (20.03.03)

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**INTERNATIONAL SEARCH REPORT**

Information patent family members

Search request No.

PCT/CN03/00053

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
CN1090444	03.08.1994	WO9410803A	11.05.1994
		CA2147837A	11.05.1994
		ZA9307728A	13.05.1994
		AU5895894A	24.05.1994
		MX9306558A	31.01.1995
		US5388101A	07.02.1995
		FI951960A	25.04.1995
		EP0666010A	09.08.1995
		PL308533A	21.08.1995
		US5481546A	02.01.1996
		HU71648A	39.01.1996
		CZ9501069A	13.03.1996
		JP8503582T	16.04.1996
		AU673889B	28.11.1996
		US5592491A	07.01.1997
		IL107399A	15.04.1997
		US5633876A	27.05.1997
		US5678172A	14.10.1997
		PL172507B	31.10.1997
		PL172850B	31.12.1997
		PL172843B	31.12.1997
		US5737363A	07.04.1998
		US5751693A	12.05.1998
		US5790936A	04.08.1998
		HU215226B	28.10.1998
		IL118601A	06.12.1998
		US5854793A	29.12.1998
		BR9307433A	31.08.1999
		IL118600A	16.07.2000
CN1357179A	03.07.2002	WO00/64059A	26.10.2000
WO0079734A	28.12.2000	AU5879800A	09.01.2001

## 国际检索报告

国际申请号

PCT/CN03/00053

## A. 主题的分类

IPC<sup>7</sup>: H04L12/18

按照国际专利分类表(IPC)或者同时按照国家分类和 IPC 两种分类

## B. 检索领域

检索的最低限度文献(标明分类体系和分类号)

IPC<sup>7</sup>: H04L12/18 H04Q7/22 H04L12/28 H04B7/005 H04J13/00

包含在检索领域中的除最低限度文献以外的检索文献

在国际检索时查阅的电子数据库(数据库的名称和, 如果实际可行的, 使用的检索词)

WPI,EPDOC,PAJ: real, time, broadcast, mobile, terminal, station, communication, service, traffic

CNPAT: 广播, 实时, 业务, 音频, 视频, 移动, 通信, 终端, 载波, 扰码

## C. 相关文件

类 型*	引用文件, 必要时, 指明相关段落	相关的权利要求编号
X	CN1090444 A (电视应答国际公司) 03.8 月 1994 (03.08.1994) 说明书第 2 页第 4 行~第 4 也第 3 行及附图 1	1、2
A	CN1357179A (艾利森电话股份有限公司) 03.7 月 2002 (03.07.2002) 摘要, 说明书全文	3~20
A	WO0079734 A1 (THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK) 28.12 月 2000 (28.12.2000) 说明书全文	1~20

☐ 其余文件在 C 栏的续页中列出。☒ 见同族专利附件。

## \* 引用文件的专用类型:

“A” 明确叙述了被认为不是特别相关的一般现有技术的文件

“E” 在国际申请日的当天或之后公布的在先的申请或专利

“L” 可能引起对优先权要求的怀疑的文件, 为确定另一篇引用文件的公布日而引用的或者因其他特殊理由而引用的文件

“O” 涉及口头公开、使用、展览或其他方式公开的文件

“P” 公布日先于国际申请日但迟于所要求的优先权日的文件

“T” 在申请日或优先权日之后公布的在后文件, 它与申请不相抵触, 但是引用它是为了理解构成发明基础的理论或原理

“X” 特别相关的文件, 仅仅考虑该文件, 权利要求所记载的发明就不能认为是新颖的或不能认为是有创造性

“Y” 特别相关的文件, 当该文件与另一篇或者多篇该类文件结合并且这种结合对于本领域技术人员为显而易见时, 权利要求记载的发明不具有创造性

“&amp;” 同族专利成员的文件

国际检索实际完成的日期

20.2 月 2003 (20.02.03)

国际检索报告邮寄日期

20.3 月 2003 (20.03.03)

国际检索单位名称和邮寄地址

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国际检索报告  
关于同族专利成员的情报

国际申请号

PCT/CN03/00053

检索报告中引用的 专利文件	公布日期	同族专利成员	公布日期
CN1090444	03.08.1994	WO9410803A	11.05.1994
		CA2147837A	11.05.1994
		ZA9307728A	13.05.1994
		AU5895894A	24.05.1994
		MX9306558A	31.01.1995
		US5388101A	07.02.1995
		FI951960A	25.04.1995
		EP0666010A	09.08.1995
		PL308533A	21.08.1995
		US5481546A	02.01.1996
		HU71648A	39.01.1996
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		US5678172A	14.10.1997
		PL172507B	31.10.1997
		PL172850B	31.12.1997
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		US5737363A	07.04.1998
		US5751693A	12.05.1998
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CN1357179A	03.07.2002	WO00/64059A	26.10.2000
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